A1775-1 1/25/83

Quarterly Report of
Gas Industry Operations

SECOND QUARTER 1982

American Gas Association

Department of Statistics
American Gas Association
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Part I. Gas Utility Industry Operating Trends

Income Statement

Total operating revenues for the twelve month period ending June 30, 1982 were $114,136 million, a 20.1 percent increase over the same period a year ago. At the same time, operating expenses rose 20.8 percent to $109,351 million. Total interest expense rose 18.5 percent during the period and net income rose 9.3 percent.

Prices

Average U.S. residential gas prices rose from $4.32/MMBtu in the second quarter 1981 to $5.03/MMBtu in the second quarter 1982, a 16.4 percent increase. Commercial and industrial gas prices rose 17.2 percent and 21.5 percent respectively during the same period.

Customers, Sales, Revenues

The total number of customers in the second quarter 1982 increased 0.9 percent over the second quarter 1981 to 48,252,700.

Total sales in the second quarter 1982 decreased 9.9 percent over the second quarter 1981, while the twelve months ending June 30, 1982 recorded a decrease of 2.3 percent over the twelve months ending June 30, 1981.

Second quarter 1982 total revenues increased 9.9 percent over the second quarter 1981, while total revenues for the twelve months ending June 30, 1982 increased 16.1 percent over the same period ending June 30, 1981.

See Table 1 and Table 2 for detailed data on sales, revenues and customers.

INVESTOR-OWNED GAS UTILITY INDUSTRY INCOME STATEMENT
(Millions of Dollars)

	Twelve Months Ended 6/30/82	6/30/81	Percent Change 6/30/81 - 82
Total Operating Revenues	$114,136	$95,058	+ 20.1
Operating Expenses:			
Operation Expenses	$99,323	$81,680	+ 21.6
Maintenance Expenses	1,519	1,336	+ 13.7
Depreciation, Retirement, Depletion, Amortization, etc.	2,896	2,623	+ 10.4
Federal Income Taxes	2,816	2,294	+ 22.7
All Other Taxes	2,797	2,599	+ 7.6
Total Operating Expenses	109,351	90,532	+ 20.8
Operating Income	4,785	4,526	+ 5.7
Other Income - Net	3,944	3,218	+ 22.6
Income Before Interest Charges	8,729	7,744	+ 12.7
Interest on Long-term Debt	2,495	2,121	+ 17.6
Other Interest Expense (Net)	935	773	+ 20.9
Total Interest Expense	$ 3,430	$ 2,894	+ 18.5
Net Income	$ 5,299	$ 4,850	+ 9.3
Utility Plant Value	$ 75,165	$68,675	+ 9.5
Accumulated Provision for Depreciation	$ 29,841	$26,804	+ 11.3

Explanatory Notes

The gas utility industry is defined to be distribution and transmission companies. The income statement includes operations of mixed and manufactured gas utilities. Because this segment of the gas industry accounts for less than two percent of total operating revenues, the income statement can be considered to be representative of the natural gas utility industry.

The composite income account includes revenues from sales to ultimate consumers and from sales for resale. It should not be interpreted as a "net" or "consolidated" statement since the duplicative effect of including both pipeline sales for resale and distribution company sales to ultimate consumers has not been eliminated.

The data presented have been expanded from the reports received on the basis of their relationship to total industry data. For combination companies appropriate allocation of long-term debt interest and net income is made so that the data properly reflect the financial picture of distribution and pipeline company gas operations.

Although the composite income statement is confined to all investor-owned companies, municipal operations are included in the data for customers, sales and revenues of "Gas Utility Industry Operating Trends" reported in Part II. Totals may not equal the sum of their parts, due to independent rounding.

Table 1—Gas Utility Industry Customers, Sales and Revenues, United States, Second Quarter 1982

	Quarter Ending June 30		Percent	Twelve Months Ending June 30		Percent
	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)						
Residential	44,404.6	44,042.4	+ 0.8	SEE		
Commercial	3,613.0	3,556.9	+ 1.6			
Industrial	187.0	189.0	- 1.1	QUARTERLY		
Other	48.1	48.4	- 0.6			
TOTAL	48,252.7	47,836.7	+ 0.9		DATA	
SALES (Trillions of Btu)						
Residential	876.4	795.7	+ 10.1	4,811.3	4,652.5	+ 3.4
Commercial	458.6	427.7	+ 7.2	2,473.9	2,383.4	+ 3.8
Industrial	1,673.6	2,121.7	- 21.1	7,581.0	8,181.2	- 7.3
Other	42.3	40.0	+ 5.8	203.5	203.5	0.0
TOTAL	3,050.9	3,385.1	- 9.9	15,069.7	15,420.6	- 2.3
REVENUES (Thousands $)						
Residential	4,408,476	3,436,654	+ 28.3	22,300,867	18,528,989	+ 20.4
Commercial	2,161,595	1,690,993	+ 27.8	10,759,415	8,774,706	+ 22.6
Industrial	6,606,549	6,890,857	- 4.1	27,567,384	24,964,237	+ 10.4
Other	171,690	127,463	+ 34.7	760,574	595,628	+ 27.7
TOTAL	13,348,310	12,145,967	+ 9.9	61,388,240	52,863,560	+ 16.1

Table 2—Gas Utility Industry Customers, Sales and Revenues, By Division, Second Quarter 1982

NEW ENGLAND DIVISION

MIDDLE ATLANTIC DIVISION

EAST NORTH CENTRAL DIVISION

	NEW ENGLAND DIVISION			MIDDLE ATLANTIC DIVISION			EAST NORTH CENTRAL DIVISION		
	Quarter Ending June 30		Percent	Quarter Ending June 30		Percent	Quarter Ending June 30		Percent
	1982	1981	Change	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)									
Residential	1,634.6	1,623.6	+ 0.7	7,604.8	7,568.5	+ 0.5	10,081.0	10,051.8	+ 0.3
Commercial	131.9	127.9	+ 3.1	566.9	554.0	+ 2.3	792.4	787.2	+ 0.7
Industrial	9.4	9.1	+ 3.5	23.7	23.9	- 0.9	47.8	47.6	+ 0.4
Other	3.8	3.7	+ 2.4	10.9	11.2	- 2.6	3.6	3.6	+ 0.3
TOTAL	1,779.7	1,764.3	+ 0.9	8,206.3	8,157.6	+ 0.6	10,924.8	10,890.2	+ 0.3
SALES (Trillions of Btu)									
Residential	30.2	27.0	+ 11.7	148.2	134.0	+ 10.6	265.8	250.8	+ 6.0
Commercial	19.8	17.1	+ 15.9	61.3	54.3	+ 13.0	119.9	113.6	+ 5.6
Industrial	19.7	18.8	+ 4.9	110.6	144.6	- 23.5	255.8	306.1	- 16.4
Other	0.8	0.7	+ 19.5	7.8	7.5	+ 4.3	1.8	1.6	+ 10.9
TOTAL	70.5	63.6	+ 10.8	327.9	340.4	- 3.7	643.3	672.1	- 4.3
REVENUES (Thousands $)									
Residential	238,247	169,438	+ 40.6	888,839	679,592	+ 30.8	1,243,652	1,031,905	+ 20.5
Commercial	128,774	91,778	+ 40.3	333,709	249,167	+ 33.9	515,242	426,843	+ 20.7
Industrial	101,849	87,582	+ 16.3	505,855	554,605	- 8.8	1,016,836	1,039,178	- 2.1
Other	3,280	2,539	+ 29.2	44,276	34,918	+ 26.8	8,539	5,897	+ 44.8
TOTAL	472,150	351,337	+ 34.4	1,772,679	1,518,282	+ 16.8	2,784,269	2,503,823	+ 11.2

TABLE 2—CONTINUED

WEST NORTH CENTRAL DIVISION

SOUTH ATLANTIC DIVISION

EAST SOUTH CENTRAL DIVISION

	Quarter Ending June 30		Percent	Quarter Ending June 30		Percent	Quarter Ending June 30		Percent
	1982	1981	Change	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)									
Residential	3,848.6	3,804.8	+ 1.2	3,813.5	3,766.0	+ 1.3	2,004.3	2,003.5	0.0
Commercial	405.0	392.4	+ 3.2	330.7	325.7	+ 1.5	203.8	202.2	+ 0.8
Industrial	13.9	15.2	- 8.9	14.2	13.8	+ 2.7	6.7	6.8	- 1.8
Other	2.1	2.1	0.0	6.3	6.3	0.0	10.4	10.5	- 0.3
TOTAL	4,269.6	4,214.5	+ 1.3	4,164.7	4,111.8	+ 1.3	2,225.2	2,223.0	+ 0.1
SALES (Trillions of Btu)									
Residential	82.1	67.8	+ 21.1	56.7	53.5	+ 6.1	31.6	29.2	+ 8.4
Commercial	49.3	42.5	+ 16.1	45.5	42.2	+ 7.8	18.4	16.9	+ 8.8
Industrial	98.8	139.3	- 29.1	146.1	183.6	- 20.4	101.6	112.8	- 9.9
Other	3.1	2.6	+ 17.9	6.9	6.1	+ 13.9	3.5	3.1	+ 13.3
TOTAL	233.3	252.2	- 7.5	255.2	285.4	- 10.6	155.1	162.0	- 4.3
REVENUES (Thousands $)									
Residential	384,683	268,615	+ 43.2	350,931	274,487	+ 27.9	155,520	119,191	+ 30.5
Commercial	205,500	143,958	+ 42.8	229,518	173,496	+ 32.3	79,485	60,537	+ 31.3
Industrial	358,277	404,695	- 11.5	605,154	640,578	- 5.5	357,290	348,372	+ 2.6
Other	7,928	5,808	+ 36.5	31,437	21,056	+ 49.3	12,576	8,788	+ 43.1
TOTAL	956,388	823,076	+ 16.2	1,217,040	1,109,617	+ 9.7	604,871	536,888	+ 12.7

WEST SOUTH CENTRAL DIVISION

MOUNTAIN DIVISION

PACIFIC DIVISION

	Quarter Ending June 30		Percent	Quarter Ending June 30		Percent	Quarter Ending June 30		Percent
	1982	1981	Change	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)									
Residential	5,173.1	5,099.2	+ 1.5	2,506.4	2,485.3	+ 0.9	7,738.3	7,639.7	+ 1.3
Commercial	467.8	462.7	+ 1.1	242.0	239.1	+ 1.2	472.5	465.7	+ 1.5
Industrial	24.6	25.6	- 4.1	7.9	8.4	- 6.4	38.8	38.6	+ 0.6
Other	7.3	7.2	+ 1.6	3.2	3.3	- 1.0	0.5	0.5	0.0
TOTAL	5,672.8	5,594.7	+ 1.4	2,759.5	2,736.1	+ 0.9	8,250.1	8,144.5	+ 1.3
SALES (Trillions of Btu)									
Residential	69.4	61.3	+ 13.2	52.4	47.0	+ 11.5	140.0	125.1	+ 11.9
Commercial	44.3	42.6	+ 4.0	32.7	30.1	+ 8.7	67.4	68.4	- 1.4
Industrial	666.0	809.0	- 17.7	69.7	101.1	- 31.1	205.3	306.4	- 33.0
Other	14.2	14.6	- 2.8	3.6	3.2	+ 12.5	0.6	0.6	+ 4.9
TOTAL	793.9	927.5	- 14.4	158.4	181.4	- 12.7	413.3	500.5	- 17.4
REVENUES (Thousands $)									
Residential	334,608	240,017	+ 39.4	230,464	181,998	+ 26.6	581,532	471,411	+ 23.4
Commercial	188,459	143,686	+ 31.2	134,538	107,820	+ 24.8	346,370	293,708	+ 17.9
Industrial	2,405,281	2,334,544	+ 3.0	244,536	296,911	- 17.6	1,011,471	1,184,392	- 14.6
Other	46,273	35,760	+ 29.4	14,247	10,090	+ 41.2	3,134	2,607	+ 20.2
TOTAL	2,974,621	2,754,007	+ 8.0	623,785	596,819	+ 4.5	1,942,507	1,952,118	- 0.5

Average Gas Prices for the Second Quarter 1982

($/MMBtu)

	Residential		Commercial		Industrial	
	2nd Qtr 1982	Percent Change*	2nd Qtr 1982	Percent Change*	2nd Qtr 1982	Percent Change*
US	5.03	+ 16.4	4.71	+ 19.2	3.95	+ 21.5
NE	7.90	+ 25.8	6.50	+ 21.0	5.16	+ 10.7
MA	6.00	+ 18.3	5.44	+ 18.5	4.57	+ 19.0
ENC	4.68	+ 13.9	4.30	+ 14.4	3.97	+ 17.1
WNC	4.68	+ 18.2	4.16	+ 22.7	3.63	+ 24.7
SA	6.18	+ 20.5	5.05	+ 22.9	4.14	+ 18.6
ESC	4.92	+ 20.6	4.32	+ 20.7	3.52	+ 13.9
WSC	4.82	+ 23.0	4.25	+ 26.1	3.61	+ 24.9
M	4.40	+ 13.7	4.11	+ 14.8	3.51	+ 19.4
P	4.15	+ 10.1	5.14	+ 19.8	4.93	+ 27.4

*Compared with the same quarter in 1981.

Average Gas Prices for the Year Ending June 30, 1982

($/MMBtu)

	Residential		Commercial		Industrial	
	Price	Percent Change*	Price	Percent Change*	Price	Percent Change*
US	4.64	+ 21.8	4.35	+ 18.2	3.64	+ 19.3
NE	7.59	+ 28.2	6.31	+ 19.7	5.14	+ 13.2
MA	5.53	+ 15.5	5.06	+ 16.3	4.23	+ 16.2
ENC	4.27	+ 16.3	4.02	+ 16.2	3.69	+ 16.8
WNC	4.32	+ 23.4	3.86	+ 25.3	3.34	+ 26.0
SA	5.47	+ 18.9	4.65	+ 22.7	3.79	+ 21.1
ESC	4.42	+ 13.3	4.04	+ 20.6	3.41	+ 19.2
WSC	4.19	+ 22.9	3.80	+ 25.0	3.32	+ 23.4
M	4.30	+ 15.9	4.06	+ 17.0	3.29	+ 18.8
P	4.00	+ 7.0	4.69	+ 10.4	4.31	+ 12.2

*Compared with the same year ending, June 30, 1981.

APPLIANCE AND HOUSING STATISTICS

(Thousands)

APPLIANCE SHIPMENTS	1982 Second Quarter	Percent Change[a]	Past Twelve Months	Percent Change[b]
Central Heating Equipment				
Warm Air Furnaces				
Gas[c]	224.3	- 30.8	1,156.7	- 24.1
Oil[c]	15.1	+ 41.1	86.1	+ 25.5
Electric	43.1	- 36.9	182.1	- 28.3
Boilers				
Gas[c]	24.3	- 13.5	136.9	- 32.0
Oil[c]	12.3	+ 7.8	69.1	+ 28.9
Other Gas Heating Equipment				
Wall Furnaces	17.0	- 33.8	120.3	- 26.3
Floor Furnaces	3.4	+ 8.2	12.2	- 0.8
Recreational Vehicle Heating Systems	32.1	- 6.2	113.5	+ 0.7
Major Appliances				
Residential Ranges				
Gas	346.0	- 9.5	1,426.1	- 5.7
Electric	494.0	- 22.2	2,017.8	- 18.8
Residential Water Heaters				
Gas[c]	789.0	+ 5.4	2,850.2	- 2.2
Electric[c]	692.1	+ 4.7	2,491.5	- 2.4
Commercial Water Heaters				
Gas[c]	48.6	- 24.5	187.1	- 15.5
Electric[c]	4.9	+ 48.9	16.3	+ 14.8
Clothes Dryers				
Gas	129.5	- 14.2	597.8	- 12.3
Electric	492.8	- 13.3	2,196.8	- 10.8
HOUSING				
Total Housing Starts	276.1	- 19.2	946.4	- 31.0
Single-Family Starts	177.9	- 22.6	600.4	- 32.9
Total Housing Completions (private)	245.2	- 26.2	1,100.2	- 18.7
Mobile Home Shipments	67.7	- 3.4	236.7	- 1.8

[a] Compared with same period in 1981.

[b] Past twelve months compared with same period a year ago.

[c] Data not expanded.

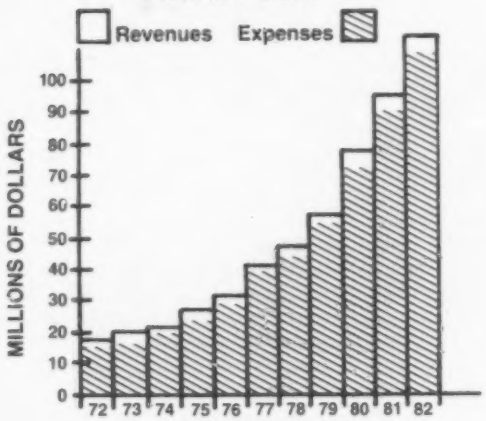
Sources: Gas Appliance Manufacturers Association, Statistical Highlights.
U.S. Department of Commerce, Housing Starts and Housing Completions.

Part II. Gas Utility Industry Historical Trends

Second Quarter Select Statistics

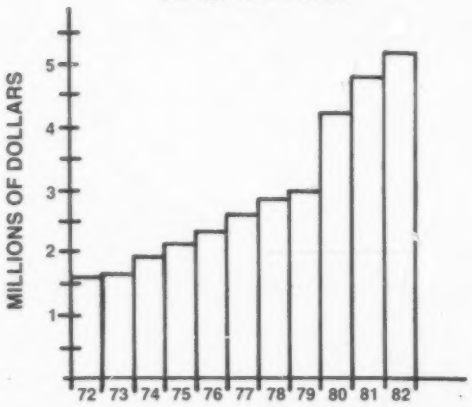
TOTAL OPERATING REVENUES & EXPENSES

12 MONTH PERIOD

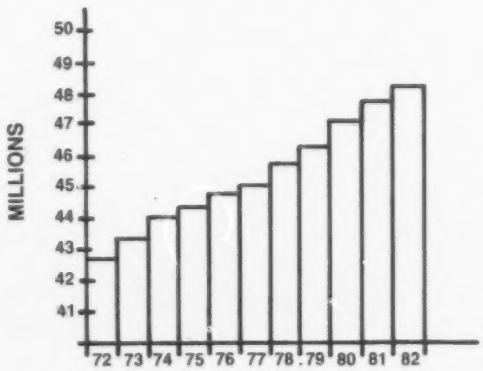


NET INCOME

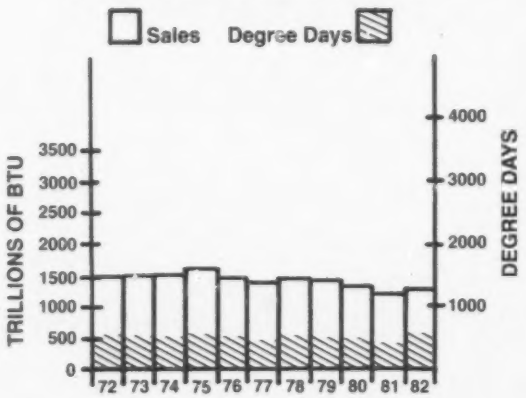
12 MONTH PERIOD



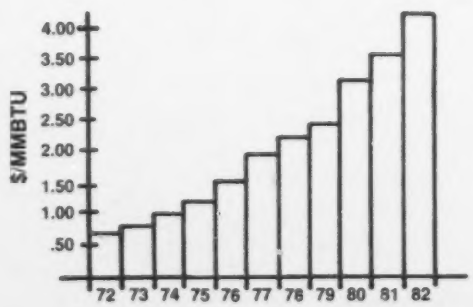
TOTAL GAS CUSTOMERS



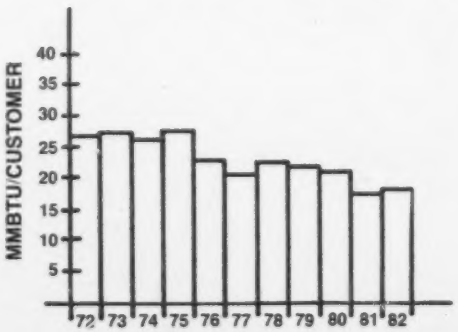
RESIDENTIAL AND COMMERCIAL SALES W/DEGREE DAYS



TOTAL INDUSTRY PRICES

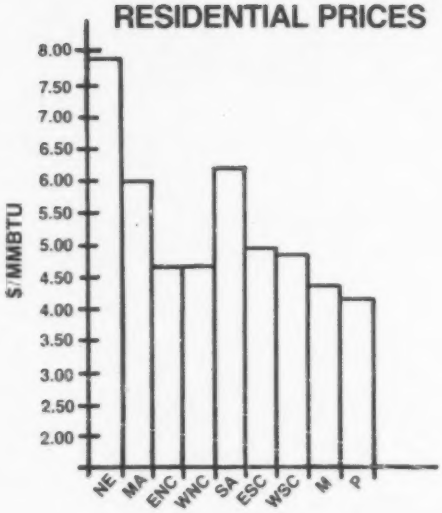


RESIDENTIAL CONSUMPTION

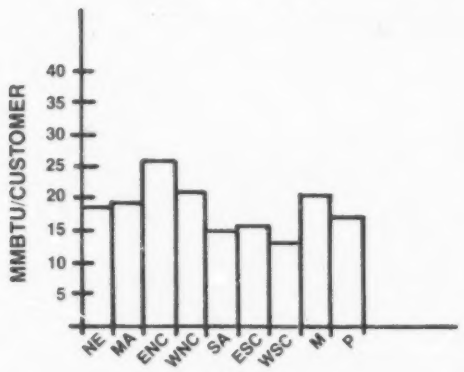


Second Quarter Select Statistics

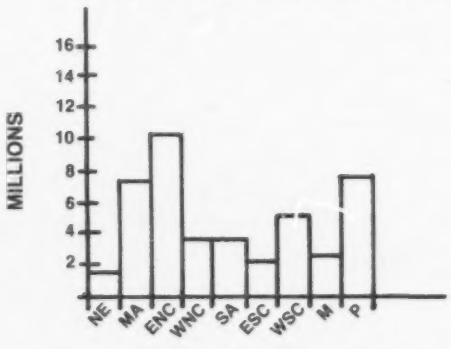
RESIDENTIAL PRICES



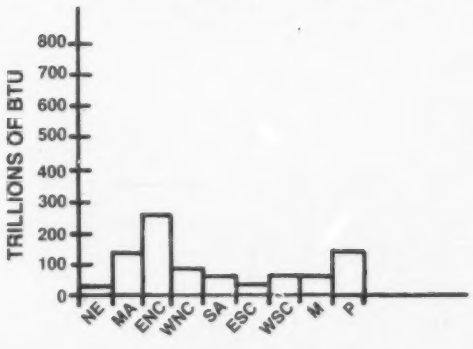
RESIDENTIAL CONSUMPTION



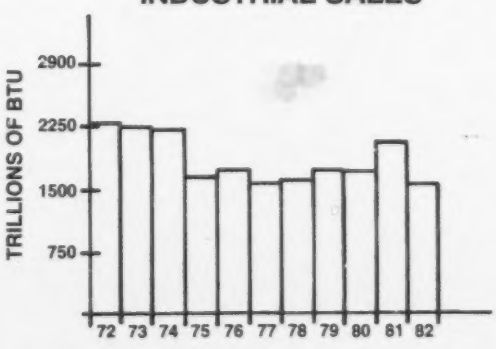
RESIDENTIAL CUSTOMERS



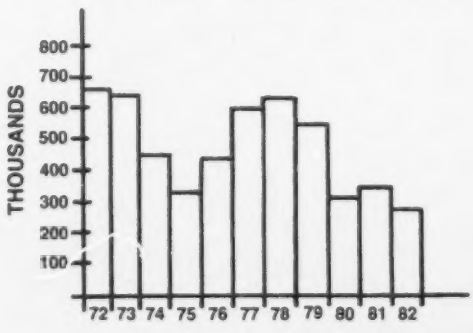
RESIDENTIAL SALES



INDUSTRIAL SALES



TOTAL HOUSING STARTS*



*Dept. of Commerce Housing Starts

AMERICAN GAS ASSOCIATION

Printed in U.S.A.

Catalog Number F00872

A1775-1 3/7/83

Quarterly Report of
Gas Industry Operations

THIRD QUARTER 1982

American Gas Association

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Part I. Gas Utility Industry Operating Trends

Income Statement

Total operating revenues for the twelve month period ending September 30, 1982 increased 16.7 percent to $114,346 million, from the same period a year ago. Total operating expenses rose by 17.0 percent to $109,331 million. Other income (net) rose to $4,029 million, a 16.5 percent increase. Net income increased 8.5 percent to $5,434 million from its previous level of $5,009 million.

Prices

Average residential gas prices for the third quarter rose 20.6 percent to $5.91/MMBtu from $4.72/MMBtu year ago. In the commercial and industrial markets the average gas price increased 23.5 percent and 22.8 percent, respectively.

Customers, Sales, Revenues

The total number of customers increased 0.8 percent in the third quarter 1982 to 47,893,600 led by an increase in commercial customers of 1.5 percent.

Total sales decreased 14.2 percent in the third quarter 1982 with only New England displaying an increase of 18.5 percent.

Total revenues continued to rise, increasing 6.4 percent in the third quarter 1982 over the third quarter 1981.

See Table 1 and Table 2 for specific data on sales, revenues and customers.

INVESTOR-OWNED GAS UTILITY INDUSTRY INCOME STATEMENT
(Millions of Dollars)

	Twelve Months Ended 9/30/82	9/30/81	Percent Change 9/30/81 - 82
Total Operating Revenues	$114,346	$97,983	+ 16.7
Operating Expenses:			
Operation Expenses	$99,199	$84,353	+ 17.6
Maintenance Expenses	1,500	1,377	+ 8.9
Depreciation, Retirement, Depletion, Amortization, etc.	2,899	2,684	+ 8.0
Federal Income Taxes	2,608	2,254	+ 15.7
All Other Taxes	3,125	2,715	+ 15.1
Total Operating Expenses	109,331	93,383	+ 17.1
Operating Income	5,015	4,600	+ 9.0
Other Income - Net	4,029	3,457	+ 16.5
Income Before Interest Charges	9,044	8,057	+ 12.3
Interest on Long-term Debt	2,692	2,232	+ 20.6
Other Interest Expense (Net)	918	816	+ 12.5
Total Interest Expense	$ 3,610	$ 3,048	+ 18.4
Net Income	$ 5,434	$ 5,009	+ 8.5
Utility Plant Value	$ 76,305	$70,224	+ 8.7
Accumulated Provision for Depreciation	$ 30,294	$27,408	+ 10.5

Explanatory Notes

The gas utility industry is defined to be distribution and transmission companies. The income statement includes operations of mixed and manufactured gas utilities. Because this segment of the gas industry accounts for less than two percent of total operating revenues, the income statement can be considered to be representative of the natural gas utility industry.

The composite income account includes revenues from sales to ultimate consumers and from sales for resale. It should not be interpreted as a "net" or "consolidated" statement since the duplicative effect of including both pipeline sales for resale and distribution company sales to ultimate consumers has not been eliminated.

The data presented have been expanded from the reports received on the basis of their relationship to total industry data. For combination companies appropriate allocation of long-term debt interest and net income is made so that the data properly reflect the financial picture of distribution and pipeline company gas operations.

Although the composite income statement is confined to all investor-owned companies, municipal operations are included in the data for customers, sales and revenues of "Gas Utility Industry Operating Trends" reported in Part II. Totals may not equal the sum of their parts, due to independent rounding.

Table 1—Gas Utility Industry Customers, Sales and Revenues, United States, Third Quarter 1982

	Quarter Ending September 30		Percent	Twelve Months Ending September 30		Percent
	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)						
Residential	44,115.9	43,772.5	+ 0.8	SEE		
Commercial	3,545.7	3,493.0	+ 1.5			
Industrial	184.4	187.3	- 1.5	QUARTERLY		
Other	47.6	46.9	+ 1.5			
TOTAL	47,893.6	47,499.7	+ 0.8			DATA
SALES (Trillions of Btu)						
Residential	404.9	399.1	+ 1.5	4,817.1	4,647.0	+ 3.7
Commercial	285.1	291.8	- 2.3	2,467.2	2,376.0	+ 3.8
Industrial	1,670.5	2,072.8	- 19.4	7,178.7	8,236.8	- 12.8
Other	38.7	33.1	+ 16.9	209.1	203.3	+ 2.9
TOTAL	2,399.2	2,796.8	- 14.2	14,672.1	15,463.1	- 5.1
REVENUES (Thousands $)						
Residential	2,394,855	1,956,892	+ 22.4	22,738,830	18,711,503	+ 21.5
Commercial	1,409,338	1,167,659	+ 20.7	11,001,144	8,908,011	+ 23.5
Industrial	6,832,448	6,910,690	- 1.1	27,489,142	26,194,092	+ 4.9
Other	151,995	104,915	+ 44.9	807,654	618,453	+ 30.6
TOTAL	10,788,636	10,140,156	+ 6.4	62,036,770	54,432,059	+ 14.0

Table 2—Gas Utility Industry Customers, Sales and Revenues, By Division, Third Quarter 1982

NEW ENGLAND DIVISION

MIDDLE ATLANTIC DIVISION

EAST NORTH CENTRAL DIVISION

	NEW ENGLAND DIVISION			MIDDLE ATLANTIC DIVISION			EAST NORTH CENTRAL DIVISION		
	Quarter Ending September 30		Percent	Quarter Ending September 30		Percent	Quarter Ending September 30		Percent
	1982	1981	Change	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)									
Residential	1,657.6	1,611.8	+ 2.8	7,595.1	7,555.8	+ 0.5	9,994.7	9,981.7	+ 0.1
Commercial	132.0	125.5	+ 5.1	562.8	549.1	+ 2.5	778.9	777.3	+ 0.2
Industrial	9.4	9.0	+ 4.4	23.2	23.4	- 1.0	47.7	47.0	+ 1.4
Other	3.8	3.7	+ 2.0	10.1	10.2	- 1.2	3.6	3.6	+ 0.7
TOTAL	1,802.8	1,750.0	+ 3.0	8,191.2	8,138.5	+ 0.6	10,824.9	10,809.6	+ 0.1
SALES (Trillions of Btu)									
Residential	14.1	12.3	+ 14.6	66.8	63.8	+ 4.6	107.5	109.9	- 2.2
Commercial	15.9	11.2	+ 42.2	30.5	33.5	- 8.8	55.8	58.0	- 3.9
Industrial	21.4	19.9	+ 7.3	106.0	125.8	- 15.7	203.4	261.0	- 22.1
Other	0.5	0.4	+ 32.5	4.5	4.5	+ 0.4	1.9	2.0	- 4.5
TOTAL	51.9	43.8	+ 18.5	207.8	227.6	- 8.7	368.6	430.9	- 14.5
REVENUES (Thousands $)									
Residential	125,592	94,020	+ 33.6	508,833	403,451	+ 26.1	588,485	504,099	+ 16.7
Commercial	96,114	60,000	+ 60.2	177,120	159,611	+ 11.0	255,307	221,102	+ 15.5
Industrial	107,234	86,843	+ 23.5	485,233	488,457	- 0.7	826,366	887,516	- 6.9
Other	3,101	2,023	+ 53.3	22,640	18,112	+ 25.0	7,333	5,834	+ 25.7
TOTAL	332,041	242,886	+ 36.7	1,193,826	1,069,631	+ 11.6	1,677,491	1,618,551	+ 3.6

TABLE 2—CONTINUED

WEST NORTH CENTRAL DIVISION

SOUTH ATLANTIC DIVISION

EAST SOUTH CENTRAL DIVISION

	Quarter Ending September 30		Percent	Quarter Ending September 30		Percent	Quarter Ending September 30		Percent
	1982	1981	Change	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)									
Residential	3,798.8	3,786.7	+ 0.3	3,743.2	3,697.7	+ 1.2	1,963.8	1,961.3	+ 0.1
Commercial	400.1	388.9	+ 2.9	323.8	319.1	+ 1.5	191.0	189.4	+ 0.9
Industrial	13.4	15.3	- 12.4	14.2	13.8	+ 2.9	6.5	6.7	- 3.1
Other	2.6	2.1	+ 21.5	6.3	6.3	- 0.6	10.0	10.0	+ 0.2
TOTAL	4,214.9	4,193.0	+ 0.5	4,087.5	4,036.9	+ 1.3	2,171.3	2,167.4	+ 0.2
SALES (Trillions of Btu)									
Residential	33.2	33.5	- 1.0	26.8	27.0	- 0.6	14.4	14.9	- 3.1
Commercial	33.2	35.8	- 7.4	33.8	33.8	- 0.1	11.8	11.7	+ 1.1
Industrial	79.9	132.7	- 39.8	137.5	176.9	- 22.3	90.1	114.4	- 21.2
Other	1.8	2.9	- 36.5	6.0	5.7	+ 4.7	2.3	2.5	- 9.8
TOTAL	148.1	204.9	- 27.7	204.1	243.4	- 16.1	118.6	143.5	- 17.4
REVENUES (Thousands $)									
Residential	183,439	149,502	+ 22.7	185,862	160,419	+ 15.9	80,856	70,500	+ 14.7
Commercial	133,379	114,557	+ 16.4	169,873	141,904	+ 19.7	55,361	45,613	+ 21.4
Industrial	303,304	391,158	- 22.5	559,288	628,555	- 11.0	331,411	369,055	- 10.2
Other	5,155	6,137	- 16.0	27,239	20,132	+ 35.3	9,242	7,899	+ 17.0
TOTAL	625,277	661,354	- 5.5	942,262	951,010	- 0.9	476,870	493,067	- 3.3

WEST SOUTH CENTRAL DIVISION

MOUNTAIN DIVISION

PACIFIC DIVISION

	Quarter Ending September 30		Percent	Quarter Ending September 30		Percent	Quarter Ending September 30		Percent
	1982	1981	Change	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)									
Residential	5,164.8	5,096.0	+ 1.4	2,494.6	2,458.2	+ 1.5	7,703.3	7,623.3	+ 1.1
Commercial	452.9	449.4	+ 0.8	239.5	235.6	+ 1.7	464.7	458.7	+ 1.3
Industrial	24.3	25.4	- 4.4	7.8	8.3	- 6.4	37.9	38.4	- 1.3
Other	7.4	7.2	+ 2.4	3.3	3.3	+ 0.8	0.5	0.5	0.0
TOTAL	5,649.4	5,578.0	+ 1.3	2,745.2	2,705.4	+ 1.5	8,206.4	8,120.9	+ 1.1
SALES (Trillions of Btu)									
Residential	40.3	40.9	- 1.6	21.2	20.7	+ 2.6	80.6	76.1	+ 5.9
Commercial	33.9	34.7	- 2.2	16.9	16.5	+ 2.4	53.3	56.6	- 5.8
Industrial	696.5	815.1	- 14.5	72.8	101.9	- 28.5	262.9	325.1	- 19.1
Other	18.5	12.3	+ 50.6	2.4	2.0	+ 19.9	0.8	0.8	+ 3.5
TOTAL	789.2	903.0	- 12.6	113.3	141.1	- 19.7	397.6	458.6	- 13.3
REVENUES (Thousands $)									
Residential	212,582	174,864	+ 21.6	112,675	87,068	+ 29.4	396,532	312,969	+ 26.7
Commercial	144,975	118,241	+ 22.6	80,886	59,756	+ 35.4	296,324	246,875	+ 20.0
Industrial	2,598,512	2,471,008	+ 5.2	264,570	309,439	- 14.5	1,356,529	1,278,659	+ 6.1
Other	62,511	34,159	+ 83.0	9,674	6,323	+ 53.0	5,099	4,296	+ 18.7
TOTAL	3,018,580	2,798,272	+ 7.9	467,805	462,586	+ 1.1	2,054,484	1,842,799	+ 11.5

Average Gas Prices for the Third Quarter 1982

($/MMBtu)

	Residential		Commercial		Industrial	
	3rd Qtr 1982	Percent Change*	3rd Qtr 1982	Percent Change*	3rd Qtr 1982	Percent Change*
US	5.91	+ 20.6	4.94	+ 23.5	4.09	+ 22.8
NE	8.91	+ 16.6	6.03	+ 12.5	5.02	+ 15.1
MA	7.62	+ 20.6	5.80	+ 21.9	4.58	+ 18.0
ENC	5.47	+ 19.2	4.58	+ 20.2	4.06	+ 19.4
WNC	5.53	+ 24.0	4.02	+ 25.6	3.80	+ 28.8
SA	6.93	+ 16.7	5.03	+ 19.8	4.07	+ 14.7
ESC	5.60	+ 18.4	4.68	+ 20.0	3.68	+ 13.9
WSC	5.28	+ 23.4	4.27	+ 25.2	3.73	+ 23.1
M	5.30	+ 25.9	4.79	+ 32.3	3.63	+ 19.4
P	4.92	+ 19.7	5.56	+ 27.5	5.16	+ 31.3

*Compared with the same quarter in 1981.

Average Gas Prices for the Year Ending September 30, 1982

($/MMBtu)

	Residential		Commercial		Industrial	
	1982	Percent Change*	1982	Percent Change*	1982	Percent Change*
US	4.72	+ 17.2	4.46	+ 18.9	3.83	+ 20.4
NE	7.38	+ 23.2	6.38	+ 19.3	5.31	+ 13.9
MA	5.64	+ 16.5	5.16	+ 17.0	4.39	+ 16.8
ENC	4.33	+ 16.7	4.08	+ 16.6	3.82	+ 17.9
WNC	4.39	+ 23.7	3.95	+ 24.2	3.62	+ 29.3
SA	5.54	+ 18.4	4.77	+ 22.0	3.92	+ 17.0
ESC	4.48	+ 12.6	4.13	+ 20.4	3.52	+ 16.9
WSC	4.28	+ 23.0	3.92	+ 25.2	3.51	+ 23.6
M	4.39	+ 17.4	4.19	+ 19.4	3.45	+ 19.0
P	4.11	+ 10.2	4.91	+ 14.7	4.69	+ 21.2

*Compared with the same year ending, September 30, 1981.

APPLIANCE AND HOUSING STATISTICS

(Thousands)

APPLIANCE SHIPMENTS	1982 Third Quarter	Percent Change[a]	Past Twelve Months	Percent Change[b]
Central Heating Equipment				
Warm Air Furnaces				
Gas	299.4	- 16.8	1,099.9	- 27.7
Oil[c]	30.3	+ 33.5	94.5	+ 26.3
Electric	48.4	- 19.6	170.3	- 33.8
Boilers				
Gas	41.6	- 3.3	145.8	- 19.1
Oil[c]	20.0	+ 3.5	70.8	+ 18.1
Other Gas Heating Equipment				
Wall Furnaces	35.6	- 16.1	114.7	- 23.7
Floor Furnaces	4.3	+ 51.9	13.6	+ 13.3
Recreational Vehicle Heating Systems	24.4	- 19.1	107.8	- 11.4
Major Appliances				
Residential Ranges				
Gas	326.9	- 11.1	1,387.7	- 9.3
Electric	504.7	- 10.9	1,956.9	- 20.5
Residential Water Heaters				
Gas[c]	687.3	+ 12.7	2,975.8	+ 3.3
Electric[c]	674.8	+ 15.5	2,574.1	+ 1.6
Commercial Water Heaters				
Gas[c]	37.9	- 25.1	174.3	- 19.8
Electric[c]	4.4	+ 28.4	17.2	+ 22.9
Clothes Dryers				
Gas	149.1	- 12.0	577.4	- 15.7
Electric	535.9	- 13.7	2,111.4	- 14.7
HOUSING				
Total Housing Starts	310.9	+ 11.3	972.9	- 21.8
Single-Family Starts	185.9	+ 0.6	601.8	- 25.4
Total Housing Completions (private)	258.6	- 22.0	1,027.2	- 21.8
Mobile Home Shipments	62.8	- 4.4	233.8	- 5.8

[a] Compared with same period in 1981.

[b] Past twelve months compared with same period a year ago.

[c] Data not expanded.

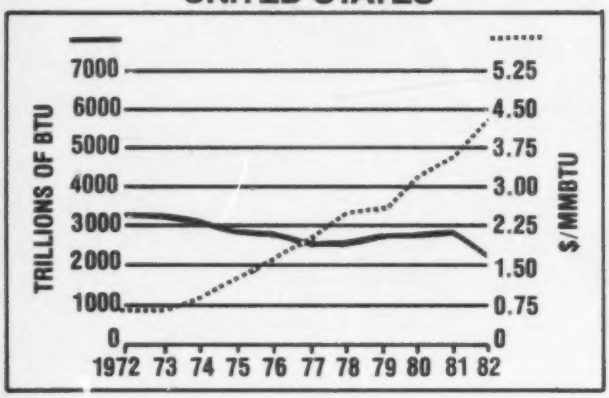
Sources: Gas Appliance Manufacturers Association, Statistical Highlights.
U.S. Department of Commerce, Housing Starts and Housing Completions.

Part II. Gas Utility Industry Historical Trends

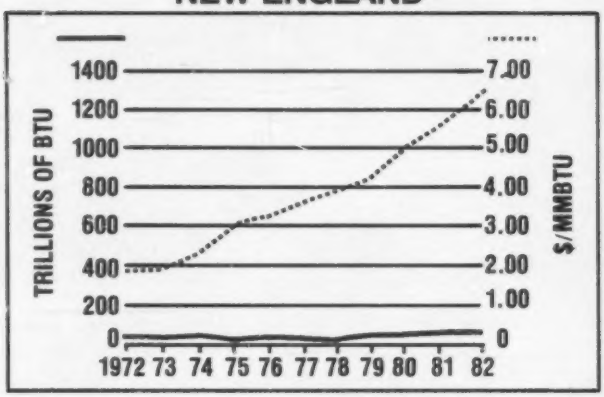
THIRD QUARTER GAS UTILITY SALES & PRICES

SALES **PRICES**

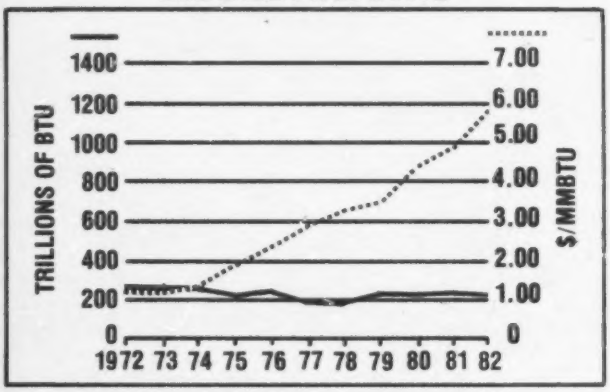
UNITED STATES



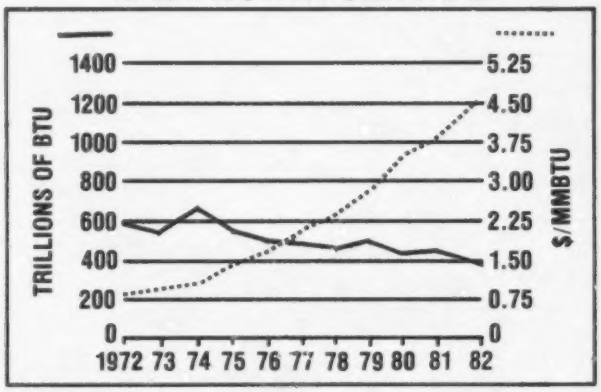
NEW ENGLAND



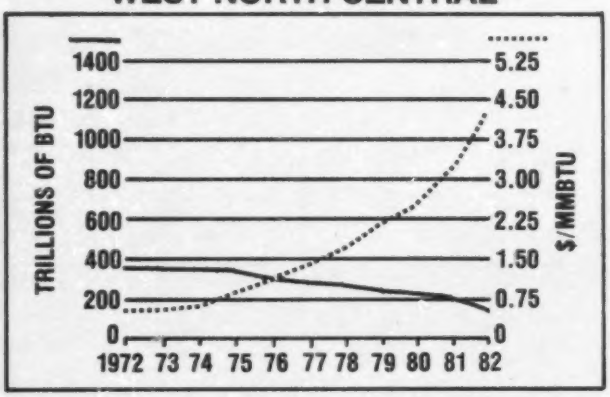
MIDDLE ATLANTIC



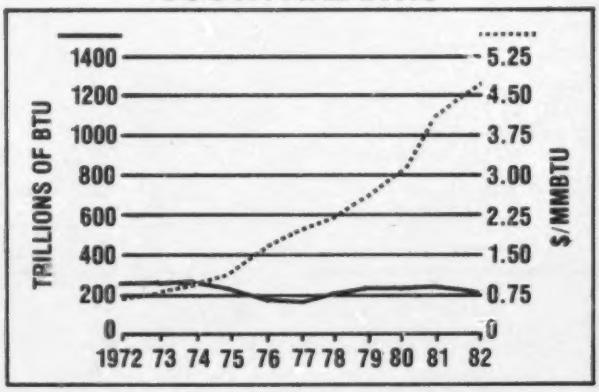
EAST NORTH CENTRAL



WEST NORTH CENTRAL



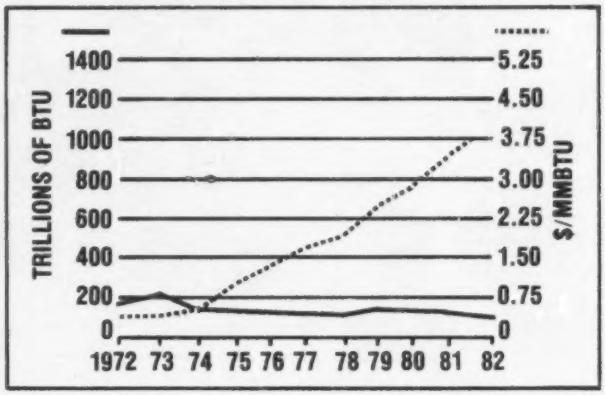
SOUTH ATLANTIC



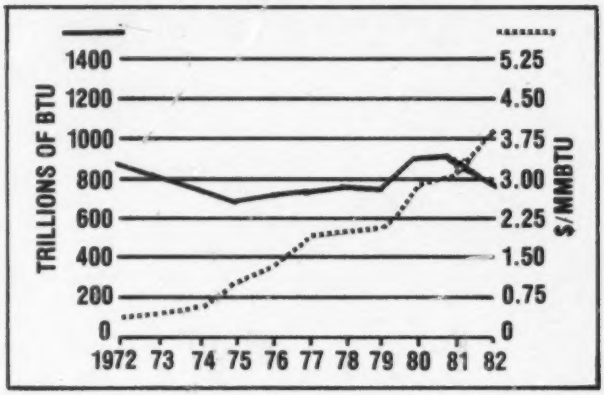
THIRD QUARTER GAS UTILITY SALES & PRICES

——— SALES - - - - - PRICES

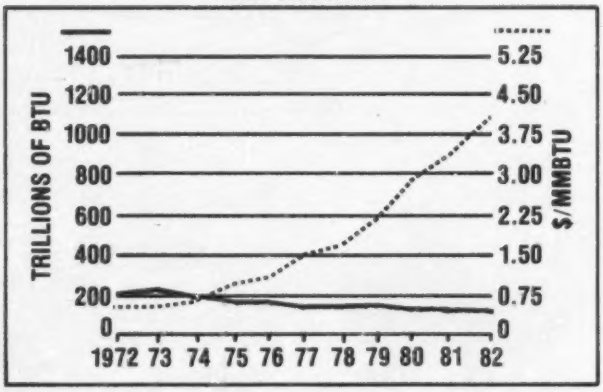
EAST SOUTH CENTRAL



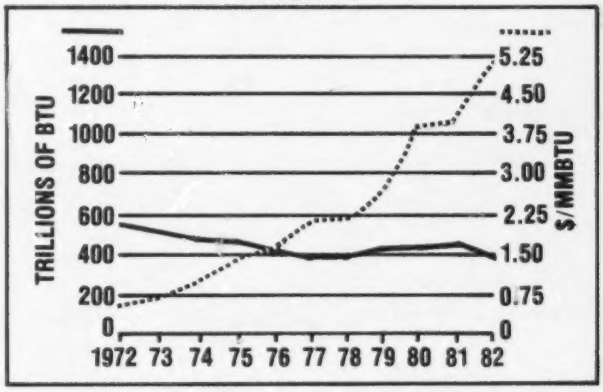
WEST SOUTH CENTRAL



MOUNTAIN



PACIFIC



AMERICAN GAS ASSOCIATION

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Printed in U.S.A.
Catalog Number F00872

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A1775-1 5/20/83

Quarterly Report of Gas Industry Operations

FOURTH QUARTER 1982

American Gas Association

Department of Statistics
American Gas Association
1515 Wilson Blvd., Arlington, Virginia 22209
Telephone (703) 841-8400

Part I. Gas Utility Industry Operating Trends

Income Statement

Total operating revenues for the twelve month period ending December 31, 1982 were $114,303 million, an 11.9 percent increase over the same period a year ago. At the same time, operating expenses rose 11.7 percent to $108,831 million. Total interest expense rose 14.9 percent during the period and net income decreased 0.04 percent.

Prices

Average U.S. residential gas prices rose from $4.44/MMBtu in the fourth quarter 1981 to $5.57/MMBtu in the fourth quarter 1982, a 25.5 percent increase. Commercial and industrial gas prices rose 24.9 percent and 22.6 percent respectively during the same period.

Customers, Sales, Revenues

The total number of customers in the fourth quarter 1982 increased 0.8 percent over the fourth quarter 1981.

Total sales in the fourth quarter 1982 decreased 15.0 percent over the fourth quarter 1981, while the twelve months ending December 31, 1982 recorded a decline of 7.9 percent over the twelve months ending December 31, 1981.

Fourth quarter 1982 total revenues increased 6.6 percent over the fourth quarter 1981, while total revenues for the twelve months ending December 31, 1982 increased 12.5 percent over the same period ending December 31, 1981.

See Table 1 and Table 2 for detailed data on sales, revenues and customers.

INVESTOR-OWNED GAS UTILITY INDUSTRY INCOME STATEMENT
(Millions of Dollars)

	Twelve Months Ended 12/31/82		12/31/81		Percent Change 12/31/81 - 82
Total Operating Revenues		$114,303		$102,138	+ 11.9
Operating Expenses:					
Operation Expenses	$98,966		$88,166		+ 12.2
Maintenance Expenses	1,596		1,436		+ 11.2
Depreciation, Retirement, Depletion, Amortization, etc.	2,817		2,768		+ 1.8
Federal Income Taxes	2,156		2,211		- 2.5
All Other Taxes	3,292		2,859		+ 15.1
Total Operating Expenses		108,831		97,440	+ 11.7
Operating Income		5,476		4,698	+ 16.6
Other Income - Net		3,424		3,721	- 8.0
Income Before Interest Charges		8,900		8,419	+ 5.7
Interest on Long-term Debt		2,536		2,362	+ 7.4
Other Interest Expense (Net)		1,189		880	+ 35.1
Total Interest Expense		$ 3,725		$ 3,242	+ 14.9
Net Income		$ 5,175		$ 5,177	- 0.0
Utility Plant Value		$ 77,476		$73,243	+ 5.8
Accumulated Provision for Depreciation		$ 30,757		$29,082	+ 5.8

Explanatory Notes

The gas utility industry is defined to be distribution and transmission companies. The income statement includes operations of mixed and manufactured gas utilities. Because this segment of the gas industry accounts for less than two percent of total operating revenues, the income statement can be considered to be representative of the natural gas utility industry.

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	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)						
Residential	44,567.0	44,208.8	+ 0.8	SEE		
Commercial	3,619.8	3,569.6	+ 1.4			
Industrial	182.8	186.4	- 1.9	QUARTERLY		
Other	48.1	48.4	- 0.6			
TOTAL	48,417.7	48,013.2	+ 0.8		DATA	
SALES (Trillions of Btu)						
Residential	1,151.1	1,239.1	- 7.1	4,733.3	4,600.6	+ 2.9
Commercial	613.9	639.9	- 4.1	2,443.5	2,360.4	+ 3.5
Industrial	1,483.0	1,954.8	- 24.1	6,768.8	8,220.1	- 17.7
Other	54.5	52.0	+ 4.8	211.6	198.8	+ 6.4
TOTAL	3,302.5	3,885.8	- 15.0	14,157.2	15,379.9	- 7.9
REVENUES (Thousands $)						
Residential	6,405,875	5,498,591	+ 16.5	23,664,502	19,217,630	+ 23.1
Commercial	3,174,651	2,649,219	+ 19.8	11,538,076	9,231,103	+ 25.0
Industrial	6,361,144	6,849,623	- 7.1	27,295,791	27,246,220	+ 0.2
Other	237,407	181,062	+ 31.1	863,998	644,923	+ 34.0
TOTAL	16,179,077	15,178,495	+ 6.6	63,362,367	56,339,876	+ 12.5

Table 2—Gas Utility Industry Customers, Sales and Revenues, By Division, Fourth Quarter 1982

NEW ENGLAND DIVISION

MIDDLE ATLANTIC DIVISION

EAST NORTH CENTRAL DIVISION

	NEW ENGLAND DIVISION			MIDDLE ATLANTIC DIVISION			EAST NORTH CENTRAL DIVISION		
	Quarter Ending December 31		Percent	Quarter Ending December 31		Percent	Quarter Ending December 31		Percent
	1982	981	Change	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)									
Residential	1,675.0	1,624.3	+ 3.1	7,606.7	7,567.3	+ 0.5	10,130.9	10,095.6	+ 0.4
Commercial	135.1	128.2	+ 5.4	571.0	556.9	+ 2.5	797.2	792.8	+ 0.6
Industrial	9.3	9.1	+ 2.7	23.5	23.5	+ 0.1	48.3	47.6	+ 1.4
Other	3.8	3.7	+ 2.0	10.9	11.1	- 2.2	3.6	3.6	0.0
TOTAL	1,823.2	1,765.3	+ 3.3	8,212.1	8,158.8	+ 0.7	10,980.0	10,939.6	+ 0.4
SALES (Trillions of Btu)									
Residential	34.2	39.2	- 12.7	184.9	220.2	- 16.0	366.4	411.4	- 10.9
Commercial	24.8	23.9	+ 3.8	76.0	89.4	- 15.0	175.4	191.1	- 8.2
Industrial	17.9	19.3	- 7.1	111.7	144.4	- 22.7	256.8	326.4	- 21.3
Other	0.8	0.8	- 3.8	9.3	10.2	- 9.0	2.1	2.3	- 9.1
TOTAL	77.7	83.2	- 6.6	381.9	464.2	- 17.7	800.7	931.2	- 14.0
REVENUES (Thousands $)									
Residential	288,821	272,576	+ 6.0	1,292,288	1,182,331	+ 9.3	1,831,819	1,682,420	+ 8.9
Commercial	167,998	145,743	+ 15.3	469,789	433,665	+ 8.3	824,273	739,192	+ 11.5
Industrial	103,110	100,272	+ 2.8	577,601	599,669	- 3.7	1,109,899	1,171,274	- 5.2
Other	5,251	4,787	+ 9.7	50,739	42,566	+ 19.2	9,715	8,522	+ 14.0
TOTAL	565,180	523,378	+ 8.0	2,390,417	2,258,231	+ 5.9	3,775,706	3,601,408	+ 4.8

TABLE 2—CONTINUED

WEST NORTH CENTRAL DIVISION

SOUTH ATLANTIC DIVISION

EAST SOUTH CENTRAL DIVISION

	Quarter Ending December 31		Percent	Quarter Ending December 31		Percent	Quarter Ending December 31		Percent
	1982	1981	Change	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)									
Residential	3,843.1	3,832.0	+ 0.3	3,817.1	3,773.3	+ 1.2	2,009.6	2,006.8	+ 0.1
Commercial	402.4	396.3	+ 1.6	329.4	326.9	+ 0.8	204.8	203.9	+ 0.5
Industrial	13.0	15.2	- 14.2	14.2	14.0	+ 1.2	6.7	6.8	- 2.0
Other	2.0	2.1	- 1.1	6.0	6.1	- 1.1	10.7	10.7	- 0.3
TOTAL	4,260.5	4,245.6	+ 0.4	4,166.7	4,120.3	+ 1.1	2,231.8	2,228.2	+ 0.2
SALES (Trillions of Btu)									
Residential	121.1	125.6	- 3.6	77.7	95.6	- 18.7	41.3	47.7	- 13.4
Commercial	77.4	75.3	+ 2.8	58.8	64.8	- 9.2	24.7	26.7	- 7.6
Industrial	100.2	134.7	- 25.6	145.3	174.6	- 16.8	86.6	108.6	- 20.3
Other	4.6	3.4	+ 36.9	10.8	9.5	+ 13.7	4.2	4.7	- 10.9
TOTAL	303.3	339.0	- 10.5	292.6	344.5	- 15.1	156.8	187.7	- 16.5
REVENUES (Thousands $)									
Residential	642,747	494,345	+ 30.0	490,887	471,010	+ 4.2	227,016	191,059	+ 18.8
Commercial	368,131	265,933	+ 38.4	313,032	273,271	+ 14.6	118,767	96,992	+ 22.5
Industrial	419,839	425,887	- 1.4	629,406	609,653	+ 3.2	342,582	348,826	- 1.8
Other	8,448	6,715	+ 25.8	53,184	35,221	+ 51.0	17,350	14,233	+ 21.9
TOTAL	1,439,165	1,192,880	+ 20.6	1,486,509	1,389,155	+ 7.0	705,715	651,110	+ 8.4

WEST SOUTH CENTRAL DIVISION

MOUNTAIN DIVISION

PACIFIC DIVISION

	Quarter Ending December 31		Percent	Quarter Ending December 31		Percent	Quarter Ending December 31		Percent
	1982	1981	Change	1982	1981	Change	1982	1981	Change
CUSTOMERS (Thousands)									
Residential	5,179.6	5,114.1	+ 1.3	2,538.8	2,496.9	+ 1.7	7,766.2	7,698.5	+ 0.9
Commercial	465.5	459.9	+ 1.2	243.1	238.6	+ 1.9	471.3	466.1	+ 1.1
Industrial	23.9	25.0	- 4.6	7.1	8.1	- 12.4	36.8	37.1	- 0.9
Other	7.4	7.3	+ 1.4	3.2	3.3	- 2.3	0.5	0.5	0.0
TOTAL	5,676.4	5,606.3	+ 1.3	2,792.2	2,746.9	+ 1.6	8,274.8	8,202.2	+ 0.9
SALES (Trillions of Btu)									
Residential	99.4	96.4	+ 3.1	67.5	56.2	+ 20.2	158.6	146.8	+ 8.1
Commercial	58.4	57.6	+ 1.4	42.4	36.0	+ 17.7	76.0	75.1	+ 1.2
Industrial	477.3	686.2	- 30.4	70.6	90.0	- 21.6	216.6	270.6	- 20.0
Other	17.7	15.9	+ 11.5	4.2	4.4	- 4.0	0.8	0.8	+ 6.2
TOTAL	652.8	856.1	- 23.8	184.7	186.6	- 1.0	452.0	493.3	- 8.4
REVENUES (Thousands $)									
Residential	498,910	386,902	+ 29.0	344,377	246,036	+ 40.0	789,010	571,912	+ 38.0
Commercial	265,858	210,664	+ 26.2	214,240	146,609	+ 46.1	432,563	337,150	+ 28.3
Industrial	1,749,837	2,150,998	- 18.6	284,560	300,106	- 5.2	1,144,310	1,142,938	+ 0.1
Other	66,972	49,172	+ 36.2	20,666	15,860	+ 30.3	5,082	3,986	+ 27.5
TOTAL	2,581,577	2,797,736	- 7.7	863,843	708,611	+ 21.9	2,370,965	2,055,986	+ 15.3

Average Gas Prices for the Fourth Quarter 1982

($/MMBtu)

	Residential		Commercial		Industrial	
	4th Qtr 1982	Percent Change*	4th Qtr 1982	Percent Change*	4th Qtr 1982	Percent Change*
US	5.57	+ 25.5	5.17	+ 24.9	4.29	+ 22.6
NE	8.45	+ 21.6	6.77	+ 11.0	5.75	+ 10.6
MA	6.99	+ 30.2	6.18	+ 27.4	5.17	+ 24.6
ENC	5.00	+ 22.3	4.70	+ 21.5	4.32	+ 20.3
WNC	5.31	+ 34.8	4.75	+ 34.6	4.19	+ 32.6
SA	6.32	+ 28.2	5.32	+ 26.1	4.33	+ 24.1
ESC	5.50	+ 37.2	4.81	+ 32.5	3.96	+ 23.4
WSC	5.02	+ 25.2	4.55	+ 24.3	3.67	+ 17.3
M	5.10	+ 16.4	5.06	+ 24.3	4.03	+ 21.0
P	4.97	+ 27.4	5.69	+ 26.7	5.28	+ 25.1

*Compared with the same quarter in 1981.

Average Gas Prices for the Year Ending December 31, 1982

($/MMBtu)

	Residential		Commercial		Industrial	
	1982	Percent Change*	1982	Percent Change*	1982	Percent Change*
US	5.00	+ 19.6	4.72	+ 20.7	4.03	+ 21.8
NE	7.73	+ 22.1	6.55	+ 16.3	5.44	+ 12.9
MA	6.04	+ 20.3	5.50	+ 20.1	4.65	+ 18.9
ENC	4.55	+ 17.3	4.29	+ 17.2	4.00	+ 17.6
WNC	4.74	+ 27.1	4.26	+ 27.9	3.81	+ 28.3
SA	5.91	+ 23.6	5.06	+ 23.7	4.15	+ 18.9
ESC	4.83	+ 24.8	4.42	+ 24.2	3.71	+ 18.2
WSC	4.52	+ 23.5	4.14	+ 24.7	3.65	+ 23.3
M	4.59	+ 17.7	4.45	+ 21.6	3.62	+ 19.5
P	4.38	+ 16.8	5.21	+ 19.8	4.97	+ 24.9

*Compared with the same year ending, December 31, 1981.

APPLIANCE AND HOUSING STATISTICS

(Thousands)

APPLIANCE SHIPMENTS	1982 Fourth Quarter	Percent Change[a]	Past Twelve Months	Percent Change[b]
Central Heating Equipment				
Warm Air Furnaces				
Gas[c]	414.9	+ 19.9	1,165.2	+ 82.2
Oil[c]	38.3	+ 30.3	102.6	+ 26.4
Electric	46.3	+ 16.9	177.0	- 24.5
Boilers				
Gas[c]	56.4	+ 3.5	147.4	- 8.8
Oil[c]	28.5	+ 11.2	72.7	+ 7.8
Other Gas Heating Equipment				
Wall Furnaces	56.0	+ 48.0	132.6	+ 4.3
Floor Furnaces	8.0	+ 277.0	18.7	+ 77.6
Recreational Vehicle Heating Systems	22.8	+ 7.6	109.4	- 5.5
Major Appliances				
Residential Ranges				
Gas	352.8	- 4.8	1,367.2	- 3.6
Electric	571.5	+ 12.3	2,022.0	- 12.9
Residential Water Heaters				
Gas[c]	753.0	+ 17.9	3,041.5	+ 9.2
Electric[c]	682.6	+ 24.6	2,717.2	+ 10.3
Commercial Water Heaters				
Gas[c]	38.2	- 8.9	170.7	- 19.7
Electric[c]	5.0	+ 50.2	18.9	+ 37.5
Clothes Dryers				
Gas	151.1	+ 47.0	584.2	- 8.7
Electric	553.7	+ 6.0	2,142.7	- 8.3
HOUSING				
Total Housing Starts	303.7	+ 42.7	1,070.8	- 2.7
Single-Family Starts	183.9	+ 48.2	662.4	- 6.1
Total Housing Completions (private)	291.1	- 7.5	1,005.1	- 20.6
Mobile Home Shipments	55.1	+ 9.8	238.9	- 0.9

[a] Compared with same period in 1981.

[b] Past twelve months compared with same period a year ago.

[c] Data not expanded.

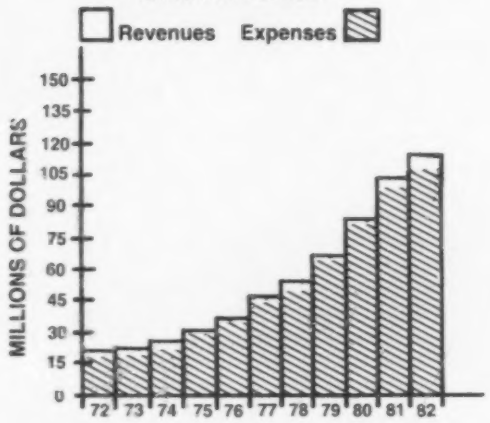
Sources: Gas Appliance Manufacturers Association, Statistical Highlights.
U.S. Department of Commerce, Housing Starts and Housing Completions.

Part II. Gas Utility Industry Historical Trends

Fourth Quarter Select Statistics

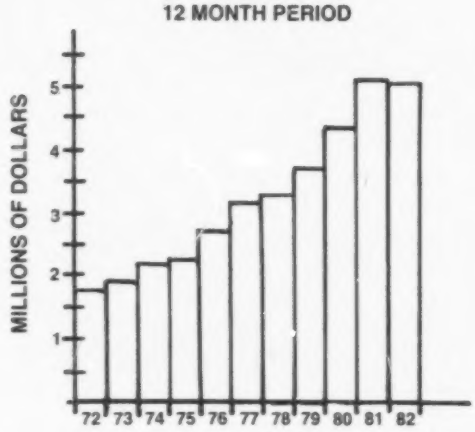
TOTAL OPERATING REVENUES & EXPENSES

12 MONTH PERIOD

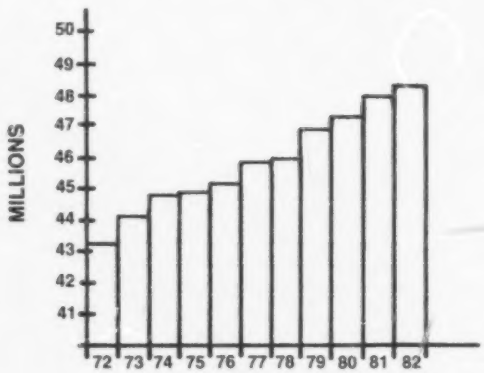


NET INCOME

12 MONTH PERIOD

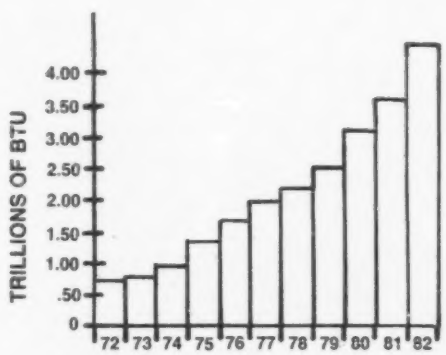


TOTAL GAS CUSTOMERS

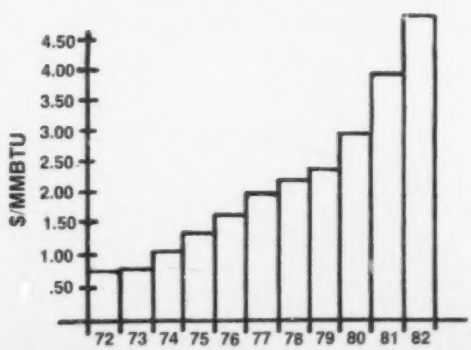


TOTAL INDUSTRY PRICES

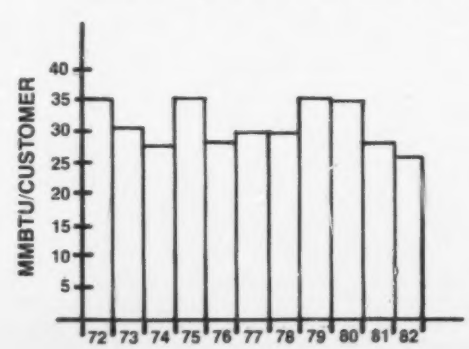
12 MONTH PERIOD



TOTAL INDUSTRY PRICES

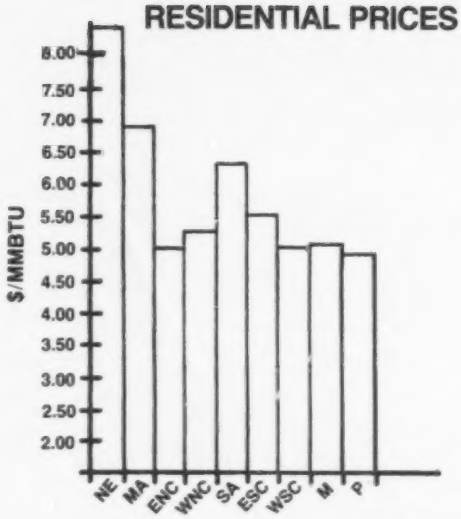


RESIDENTIAL CONSUMPTION

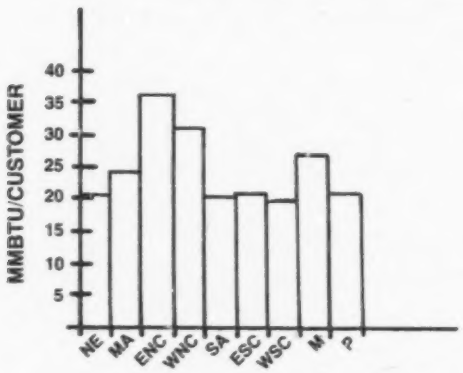


Fourth Quarter Select Statistics

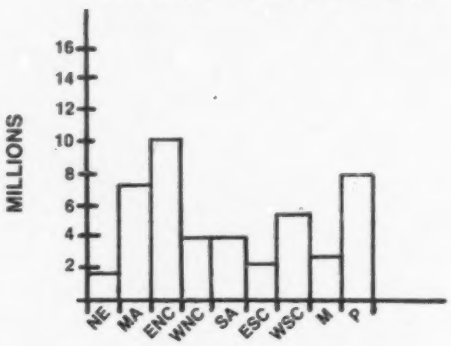
RESIDENTIAL PRICES



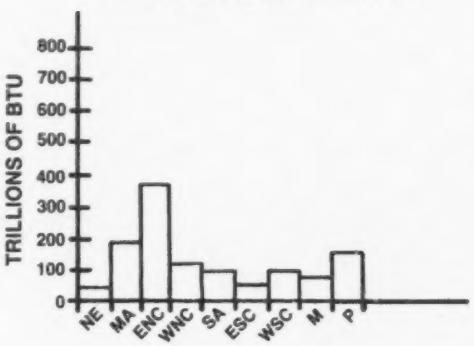
RESIDENTIAL CONSUMPTION



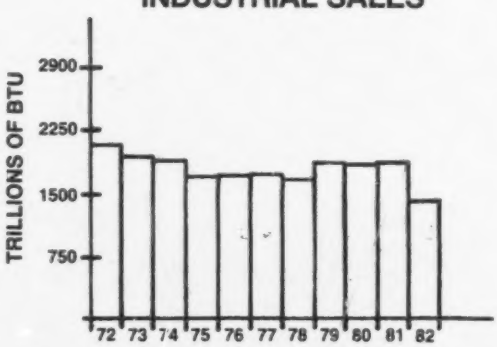
RESIDENTIAL CUSTOMERS



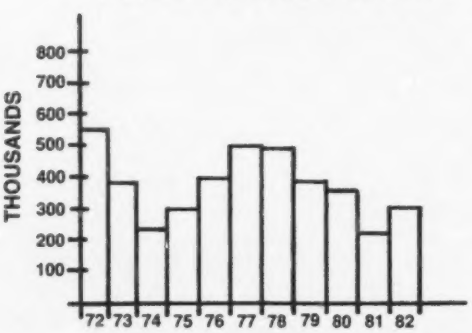
RESIDENTIAL SALES



INDUSTRIAL SALES



TOTAL HOUSING STARTS*



*Dept. of Commerce Housing Starts

AMERICAN GAS ASSOCIATION

Printed in U.S.A.

Catalog Number F00872

Quarterly Report of

Gas Industry Operations

FIRST QUARTER 1983

American Gas Association

Department of Statistics
American Gas Association
1515 Wilson Blvd., Arlington, Virginia 22209
Telephone (703) 841-8400

Part I. Gas Utility Industry Operating Trends

Income Statement

Total operating revenues for the twelve month period ending March 31, 1983 were $111,735 million, a 5.3 percent increase over the same period a year ago. At the same time, operating expenses rose 5.4 percent to $106,586 million. Total interest expense rose 8.1 percent during the period and net income decreased 4.6 percent.

Prices

Average U.S. residential gas prices rose from $4.54/MMBtu in the first quarter 1982 to $5.64/MMBtu in the first quarter 1983, a 24.2 percent increase. Commercial and industrial gas prices rose 22.5 percent and 18.1 percent respectively during the same period.

Customers, Sales, Revenues

The total number of customers in the first quarter 1983 increased 0.7 percent over the first quarter 1982.

Total sales in the first quarter 1983 decreased 20.1 percent over the first quarter 1982, while the twelve months ending March 31, 1983 recorded a decrease of 15.5 percent over the twelve months ending March 31, 1982.

First quarter 1983 total revenues decreased 2.1 percent over the first quarter 1982, while total revenue for the twelve months ending March 31, 1983 increased 3.9 percent over the same period ending March 31, 1982.

See Table 1 and Table 2 for detailed data on sales, revenues and customers.

INVESTOR-OWNED GAS UTILITY INDUSTRY INCOME STATEMENT
(Millions of Dollars)

	Twelve Months Ended 3/31/83	Twelve Months Ended 3/31/82	Percent Change 3/31/82 -83
Total Operating Revenues	$111,735	$106,111	+ 5.3
Operating Expenses:			
Operation Expenses	$95,944	$91,698	+ 4.6
Maintenance Expenses	1,537	1,488	+ 3.3
Depreciation, Retirement, Depletion, Amortization, etc.	2,920	2,780	+ 5.0
Federal Income Taxes	1,914	2,171	- 11.8
All Other Taxes	4,271	3,019	+ 41.5
Total Operating Expenses	106,586	101,156	+ 5.4
Operating Income	5,149	4,955	+ 3.9
Other Income - Net	3,488	3,641	- 4.2
Income Before Interest Charges	8,637	8,596	+ 0.5
Interest on Long-term Debt	2,868	2,451	+ 17.0
Other Interest Expense (Net)	847	984	- 13.9
Total Interest Expense	$ 3,715	$ 3,435	+ 8.1
Net Income	$ 4,922	$ 5,161	- 4.6
Utility Plant Value	$ 78,508	$ 72,291	+ 8.6
Accumulated Provision for Depreciation	$ 30,369	$ 28,303	+ 7.3

Explanatory Notes

The gas utility industry is defined to be distribution and transmission companies. The income statement includes operations of mixed and manufactured gas utilities. Because this segment of the gas industry accounts for less than two percent of total operating revenues, the income statement can be considered to be representative of the natural gas utility industry.

The composite income account includes revenues from sales to ultimate consumers and from sales for resale. It should not be interpreted as a "net" or "consolidated" statement since the duplicative effect of including both pipeline sales for resale and distribution company sales to ultimate consumers has not been eliminated.

The data presented have been expanded from the reports received on the basis of their relationship to total industry data. For combination companies appropriate allocation of long-term debt interest and net income is made so that the data properly reflect the financial picture of distribution and pipeline company gas operations.

Although the composite income statement is confined to all investor-owned companies, municipal operations are included in the data for customers, sales and revenues of "Gas Utility Industry Operating Trends" reported in Part II. Totals may not equal the sum of their parts, due to independent rounding.

Table 1—Gas Utility Industry Customers, Sales and Revenues, United States, First Quarter 1983

	Quarter Ending March 31		Percent	Twelve Months Ending March 31		Percent
	1983	1982	Change	1983	1982	Change
CUSTOMERS (Thousands)						
Residential	44,995.7	44,679.3	+ 0.7	SEE		
Commercial	3,689.1	3,661.2	+ 0.8			
Industrial	184.5	188.5	- 2.1		QUARTERLY	
Other	48.5	48.5	0.0			
TOTAL	48,917.8	48,577.5	+ 0.7			DATA
SALES (Trillions of Btu)						
Residential	1,906.5	2,300.9	- 17.1	4,338.9	4,734.8	- 8.4
Commercial	924.9	1,085.9	- 14.8	2,282.5	2,445.3	- 6.7
Industrial	1,418.4	1,941.7	- 26.9	6,245.5	8,091.0	- 22.8
Other	69.4	76.1	- 8.8	204.9	201.2	+ 1.8
TOTAL	4,319.2	5,404.6	- 20.1	13,071.8	15,472.3	- 15.5
REVENUES (Thousands $)						
Residential	10,751,983	10,455,296	+ 2.8	23,961,190	21,347,432	+ 12.2
Commercial	4,996,350	4,792,492	+ 4.3	11,741,935	10,300,314	+ 14.0
Industrial	6,474,858	7,495,650	- 13.6	26,274,997	28,146,820	- 6.6
Other	348,346	302,909	+ 15.0	909,437	716,347	+ 26.9
TOTAL	22,571,537	23,046,347	- 2.1	62,887,559	60,510,913	+ 3.9

Table 2—Gas Utility Industry Customers, Sales and Revenues, By Division, First Quarter 1983

NEW ENGLAND DIVISION

MIDDLE ATLANTIC DIVISION

EAST NORTH CENTRAL DIVISION

	Quarter Ending March 31		Percent	Quarter Ending March 31		Percent	Quarter Ending March 31		Percent
	1983	1982	Change	1983	1982	Change	1983	1982	Change
CUSTOMERS (Thousands)									
Residential	1,650.5	1,641.1	+ 0.6	7,684.9	7,638.3	+ 0.6	10,181.1	10,153.7	+ 0.3
Commercial	134.1	132.3	+ 1.4	581.8	570.9	+ 1.9	803.9	802.1	+ 0.2
Industrial	9.5	9.2	+ 3.5	23.9	24.6	- 3.0	48.7	48.4	+ 0.7
Other	3.8	3.9	- 0.4	10.9	11.1	- 1.9	3.7	3.6	+ 3.0
TOTAL	1,797.9	1,786.5	+ 0.6	8,301.5	8,244.9	+ 0.7	11,037.4	11,007.8	+ 0.3
SALES (Trillions of Btu)									
Residential	62.6	72.1	- 13.2	310.3	378.2	- 17.9	584.3	770.0	- 24.1
Commercial	34.3	37.6	- 8.9	127.6	148.3	- 14.0	263.1	345.3	- 23.8
Industrial	15.9	18.0	- 11.7	120.4	147.0	- 18.1	292.2	394.2	- 25.9
Other	1.0	1.0	+ 0.3	12.9	15.6	- 17.5	3.8	4.8	- 20.3
TOTAL	113.8	128.7	- 11.6	571.2	689.1	- 17.1	1,143.4	1,514.3	- 24.5
REVENUES (Thousands $)									
Residential	533,881	511,920	+ 4.3	2,077,867	2,007,019	+ 3.5	3,009,087	3,211,748	- 6.3
Commercial	260,888	249,415	+ 4.6	801,547	756,533	+ 6.0	1,288,520	1,394,502	- 7.6
Industrial	104,909	106,756	- 1.7	644,011	641,509	+ 0.4	1,332,101	1,490,212	- 10.6
Other	6,537	5,367	+ 21.8	84,992	75,616	+ 12.4	21,313	20,632	+ 3.3
TOTAL	906,215	873,458	+ 3.8	3,608,417	3,480,677	+ 3.7	5,651,021	6,117,094	- 7.6

TABLE 2—CONTINUED

WEST NORTH CENTRAL DIVISION

SOUTH ATLANTIC DIVISION

EAST SOUTH CENTRAL DIVISION

	Quarter Ending March 31		Percent	Quarter Ending March 31		Percent	Quarter Ending March 31		Percent
	1983	1982	Change	1983	1982	Change	1983	1982	Change
CUSTOMERS (Thousands)									
Residential	3,892.2	3,870.5	+ 0.6	3,914.5	3,863.9	+ 1.3	2,042.0	2,036.9	+ 0.3
Commercial	411.0	409.3	+ 0.4	339.4	336.8	+ 0.8	211.9	210.9	+ 0.5
Industrial	12.9	14.3	- 9.7	14.3	14.1	+ 1.4	6.6	6.7	- 0.8
Other	1.9	1.9	0.0	6.3	6.3	- 0.8	10.8	10.7	+ 1.3
TOTAL	4,318.0	4,296.0	+ 0.5	4,274.5	4,221.1	+ 1.3	2,271.3	2,265.2	+ 0.3
SALES (Trillions of Btu)									
Residential	194.7	255.8	- 23.9	149.1	169.6	- 12.1	85.1	99.0	- 14.0
Commercial	115.7	140.8	- 17.8	91.9	98.3	- 6.5	44.0	49.3	- 10.7
Industrial	103.9	142.7	- 27.2	137.1	164.6	- 16.7	84.5	106.6	- 20.7
Other	3.4	4.0	- 15.1	10.0	12.6	- 20.6	6.6	6.7	- 8.7
TOTAL	417.7	543.3	- 23.1	388.1	445.1	- 12.8	220.2	261.6	- 15.8
REVENUES (Thousands $)									
Residential	1,086,364	1,120,194	- 3.0	1,001,030	927,997	+ 7.9	477,165	436,405	+ 9.3
Commercial	596,067	575,743	+ 3.5	553,088	484,782	+ 14.1	235,171	206,726	+ 13.8
Industrial	468,066	526,983	- 11.2	666,983	670,537	- 0.5	377,904	396,500	- 4.7
Other	13,383	12,003	+ 11.5	70,221	60,692	+ 15.7	27,917	23,638	+ 18.1
TOTAL	2,163,880	2,234,923	- 3.2	2,291,322	2,144,008	+ 6.9	1,118,157	1,063,269	+ 5.2

WEST SOUTH CENTRAL DIVISION

MOUNTAIN DIVISION

PACIFIC DIVISION

	Quarter Ending March 31		Percent	Quarter Ending March 31		Percent	Quarter Ending March 31		Percent
	1983	1982	Change	1983	1982	Change	1983	1982	Change
CUSTOMERS (Thousands)									
Residential	5,253.4	5,205.0	+ 0.9	2,567.8	2,524.9	+ 1.7	7,809.3	7,745.0	+ 0.8
Commercial	481.5	480.4	+ 0.2	248.8	244.7	+ 1.7	476.7	473.8	+ 0.6
Industrial	23.1	24.5	- 5.6	7.1	7.7	- 7.5	38.4	39.0	- 1.6
Other	7.5	7.4	+ 1.9	3.4	3.4	- 0.3	0.2	0.2	0.0
TOTAL	5,765.5	5,717.3	+ 0.8	2,827.1	2,780.7	+ 1.7	8,324.6	8,258.0	+ 0.8
SALES (Trillions of Btu)									
Residential	192.4	204.0	- 5.7	102.5	109.1	- 6.1	225.5	243.1	- 7.2
Commercial	96.1	101.8	- 5.6	60.2	64.3	- 6.3	92.0	100.2	- 8.2
Industrial	420.4	648.9	- 35.2	67.7	87.8	- 22.9	176.3	231.9	- 24.0
Other	25.3	24.5	+ 3.3	5.6	6.0	- 6.6	0.8	0.9	- 7.2
TOTAL	734.2	979.2	- 25.0	236.0	267.2	- 11.7	494.6	576.1	- 14.1
REVENUES (Thousands $)									
Residential	925,591	822,821	+ 12.5	515,128	460,552	+ 11.9	1,125,870	956,640	+ 17.7
Commercial	432,992	387,986	+ 11.6	294,036	265,495	+ 10.8	534,041	471,310	+ 13.3
Industrial	1,673,764	2,322,414	- 27.9	265,303	297,059	- 10.7	941,817	1,043,680	- 9.8
Other	93,861	77,252	+ 21.5	25,355	23,283	+ 8.9	4,767	4,426	+ 7.7
TOTAL	3,126,208	3,610,473	- 13.4	1,099,822	1,046,389	+ 5.1	2,606,495	2,476,056	+ 5.3

Average Gas Prices for the First Quarter 1983

($/MMBtu)

	Residential		Commercial		Industrial	
	1st Qtr 1983	Percent Change*	1st Qtr 1983	Percent Change*	1st Qtr 1983	Percent Change*
US	5.64	+ 24.2	5.40	+ 22.5	4.56	+ 18.1
NE	8.53	+ 20.1	7.61	+ 14.8	6.60	+ 11.3
MA	6.70	+ 26.2	6.28	+ 23.1	5.35	+ 22.7
ENC	5.15	+ 23.5	4.90	+ 21.3	4.56	+ 20.6
WNC	5.58	+ 27.4	5.15	+ 25.9	4.50	+ 22.0
SA	6.71	+ 22.7	6.02	+ 22.1	4.87	+ 19.7
ESC	5.61	+ 27.2	5.34	+ 27.5	4.47	+ 20.2
WSC	4.81	+ 19.4	4.51	+ 18.4	3.98	+ 11.2
M	5.03	+ 19.2	4.88	+ 18.2	3.92	+ 16.0
P	4.99	+ 26.7	5.81	+ 23.6	5.34	+ 18.7

*Compared with the same quarter in 1982.

Average Gas Prices for the Year Ending March 31, 1983

($/MMBtu)

	Residential		Commercial		Industrial	
	Price	Percent Change*	Price	Percent Change*	Price	Percent Change*
US	5.52	+ 22.4	5.14	+ 22.1	4.21	+ 21.0
NE	8.41	+ 20.8	6.90	+ 13.3	5.57	+ 11.0
MA	6.71	+ 23.9	6.03	+ 22.8	4.93	+ 21.1
ENC	5.04	+ 20.9	4.69	+ 19.3	4.25	+ 19.4
WNC	5.33	+ 26.6	4.73	+ 26.5	4.05	+ 27.4
SA	6.54	+ 23.4	5.50	+ 22.5	4.35	+ 19.5
ESC	5.46	+ 27.6	4.94	+ 26.0	3.88	+ 17.2
WSC	4.91	+ 21.8	4.44	+ 22.0	3.73	+ 18.8
M	4.94	+ 17.9	4.75	+ 20.3	3.77	+ 19.3
P	4.78	+ 22.3	5.57	+ 24.0	5.17	+ 26.1

*Compared with the same year ending, March 31, 1982.

APPLIANCE AND HOUSING STATISTICS

(Thousands)

APPLIANCE SHIPMENTS	1983 First Quarter	Percent Change[a]	Past Twelve Months	Percent Change[b]
Central Heating Equipment				
Warm Air Furnaces				
Gas	367.4	+ 62.1	1,296.4	+ 3.2
Oil[c]	22.5	+ 19.0	107.1	+ 31.1
Electric	64.2	+ 63.8	202.1	- 2.5
Boilers				
Gas	26.7	+ 6.4	149.2	- 1.0
Oil[c]	13.5	+ 13.7	74.4	+ 9.1
Other Gas Heating Equipment				
Wall Furnaces	31.6	+ 31.5	140.2	+ 8.8
Floor Furnaces	3.8	+ 25.0	19.6	+ 64.7
Recreational Vehicle Heating Systems	39.6	+ 32.0	118.9	+ 2.8
Major Appliances				
Residential Ranges				
Gas	353.8	+ 3.6	1,379.8	- 5.7
Electric	605.3	+ 32.6	2,179.6	+ 0.6
Residential Water Heaters				
Gas[c]	819.1	+ 0.9	3,048.4	+ 8.5
Electric[c]	736.7	+ 10.3	2,786.2	+ 13.2
Commercial Water Heaters				
Gas[c]	45.0	- 2.1	169.7	- 16.4
Electric[c]	4.5	- 2.1	18.8	+ 28.8
Clothes Dryers				
Gas	164.1	+ 6.2	593.8	- 4.1
Electric	630.0	+ 12.4	2,212.4	- 2.6
HOUSING				
Total Housing Starts	327.2	+ 83.5	1,220.9	+ 20.6
Single-Family Starts	204.3	+ 0.9	753.3	+ 15.5
Total Housing Completions (private)	245.9	+ 17.9	1,042.8	- 12.2
Mobile Home Shipments	63.2	+ 18.6	248.8	+ 3.9

[a]Compared with same period in 1982.

[b]Past twelve months compared with same period a year ago.

[c]Data not expanded.

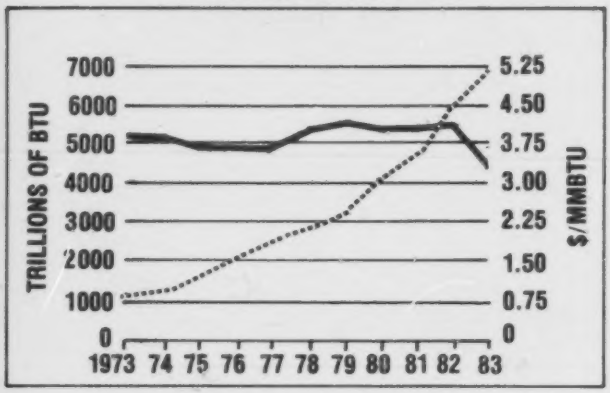
Sources: Gas Appliance Manufacturers Association, Statistical Highlights.
U.S. Department of Commerce, Housing Starts and Housing Completions.

Part II. Gas Utility Industry Historical Trends

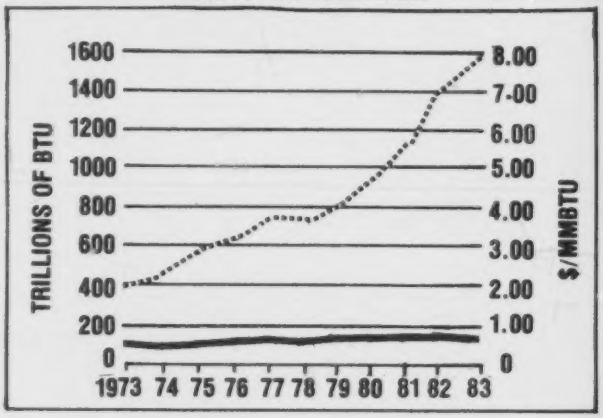
FIRST QUARTER GAS UTILITY SALES & PRICES

SALES **PRICES**

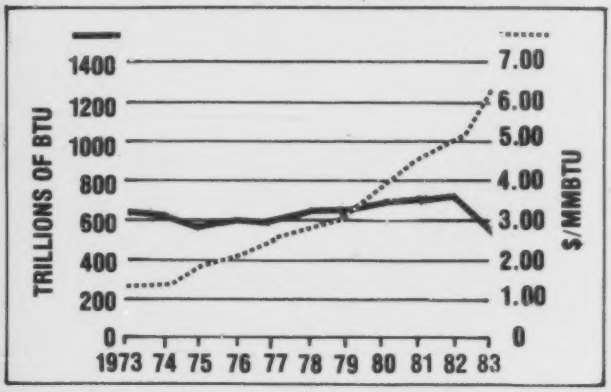
UNITED STATES



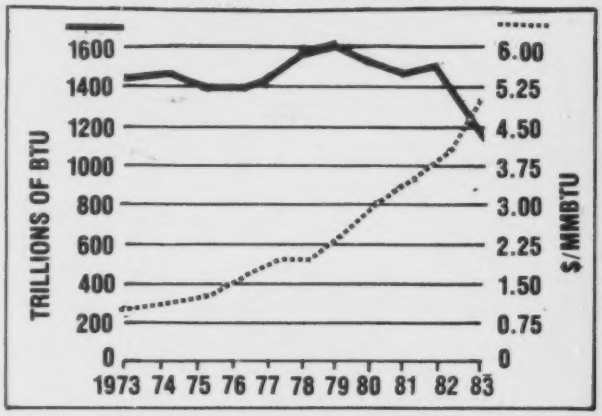
NEW ENGLAND



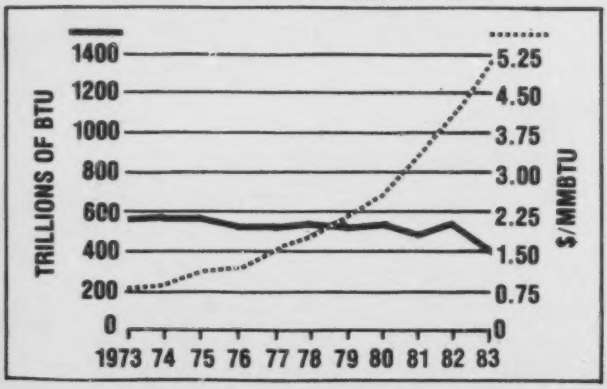
MIDDLE ATLANTIC



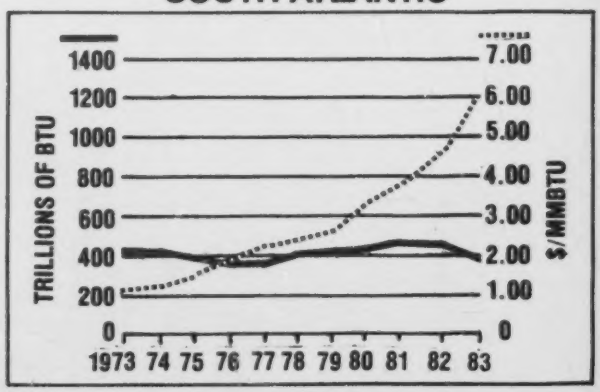
EAST NORTH CENTRAL



WEST NORTH CENTRAL



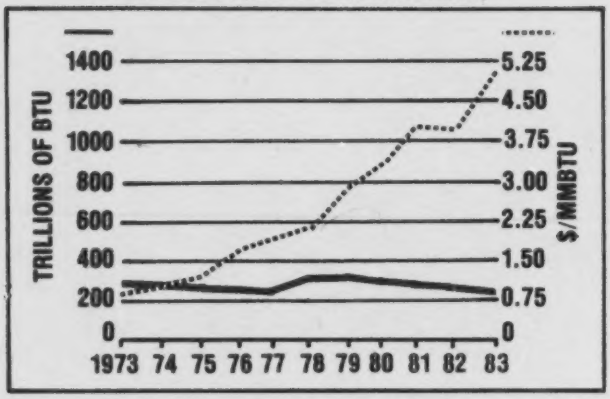
SOUTH ATLANTIC



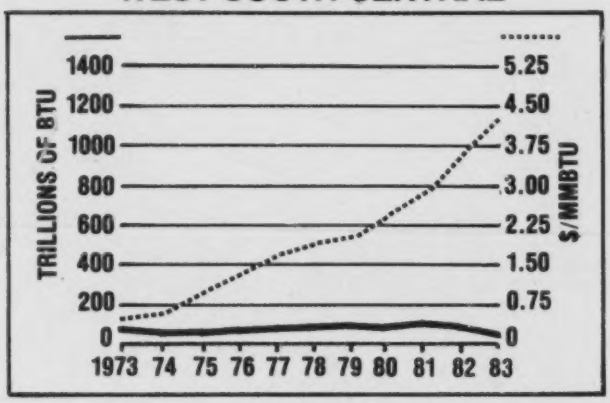
FIRST QUARTER GAS UTILITY SALES & PRICES

SALES **PRICES**

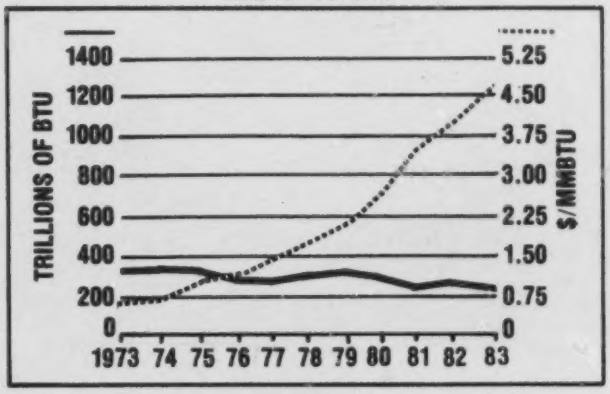
EAST SOUTH CENTRAL



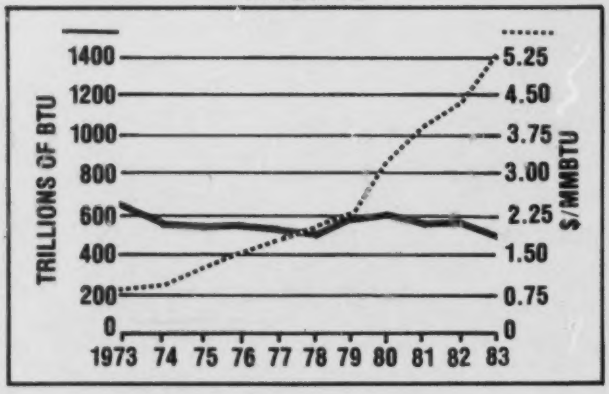
WEST SOUTH CENTRAL



MOUNTAIN



PACIFIC



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1515 Wilson Boulevard
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Printed in U.S.A.
Catalog Number F00872